

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Raw txt files containing LSV data for compound **1**: Series of runs at various loadings as exported from the potentiostat and before converting current to current density. Potential here is recorded vs Ag/AgCl. In the main text the potential is reported vs NHE.

File Name: Supplementary Data 2

Description: Raw txt files containing LSV data for compound **2**: Series of runs at various loadings as exported from the potentiostat and before converting current to current density. Potential here is recorded vs Ag/AgCl. In the main text the potential is reported vs NHE.

File Name: Supplementary Data 3

Description: Raw txt files containing LSV data for compound **3**: Series of runs at various loadings as exported from the potentiostat and before converting current to current density. Potential here is recorded vs Ag/AgCl. In the main text the potential is reported vs NHE.